



**California State Fire Marshal**  
**National Fire Incident Reporting System**

**Data as of:** 03/19/2007 10:14:27AM

**FDID Range:**  
0 to No Upper Bound

**Incident Date Range:**  
01/01/2004 to 12/31/2006

**Incident Type:**  
100 to 199

### Fires By Equipment Involved In Ignition, 2004-2006

<u>Year vs Equipment Involved</u>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b><u>Total</u></b>
Air compressor	8	5	6	<b>19</b>
Air conditioner	26	38	29	<b>93</b>
Ashtray	1	3	3	<b>7</b>
Automatic door opener - not garage	1	0	0	<b>1</b>
Battery	11	24	17	<b>52</b>
Battery charger, rectifier	9	9	8	<b>26</b>
Bearing or brake	1	6	5	<b>12</b>
Blanket - electric	4	5	3	<b>12</b>
Blender, juicer, food processor, mixer	1	1	0	<b>2</b>
Boiler (power, process, heating)	7	2	9	<b>18</b>
Burners	7	14	9	<b>30</b>
Cable converter box	1	0	0	<b>1</b>
Camcorder, video camera	0	1	0	<b>1</b>
Can opener	1	0	0	<b>1</b>
Car washing equipment	1	3	1	<b>5</b>
Carpet cleaning equipment, including rug shampooer	1	0	1	<b>2</b>
Cash register	0	3	0	<b>3</b>
Casting, molding, forging equipment	0	1	1	<b>2</b>

	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b><u>Total</u></b>
<b>CD player (audio)</b>	0	5	0	<b>5</b>
<b>Chain saw</b>	1	0	0	<b>1</b>
<b>Charcoal lighter</b>	1	5	1	<b>7</b>
<b>Chimney - brick, stone, masonry</b>	1	5	4	<b>10</b>
<b>Chimney - metal, including stovepipe, flue</b>	11	10	5	<b>26</b>
<b>Chimney connector, vent connector</b>	2	2	3	<b>7</b>
<b>Cigarette lighter, pipe lighter</b>	16	39	24	<b>79</b>
<b>Clock</b>	3	1	1	<b>5</b>
<b>Clothes dryer</b>	195	240	202	<b>637</b>
<b>Clothes iron</b>	5	7	5	<b>17</b>
<b>Clothes steamer</b>	0	0	1	<b>1</b>
<b>Coating machine, including asphalt-saturating</b>	0	2	2	<b>4</b>
<b>Coffee grinder</b>	0	0	2	<b>2</b>
<b>Coffee maker or teapot</b>	2	4	1	<b>7</b>
<b>Comb, hair brush</b>	1	0	0	<b>1</b>
<b>Combine, threshing machine</b>	0	2	0	<b>2</b>
<b>Commercial or medical equipment, other</b>	2	5	1	<b>8</b>
<b>Computer</b>	2	7	3	<b>12</b>
<b>Computer device, other</b>	2	5	2	<b>9</b>
<b>Computer monitor</b>	1	0	1	<b>2</b>
<b>Computer printer</b>	1	0	1	<b>2</b>
<b>Computer storage device: external</b>	0	0	1	<b>1</b>
<b>Conveyor</b>	0	3	0	<b>3</b>
<b>Copier</b>	0	2	1	<b>3</b>
<b>Cord, plug, other</b>	5	6	7	<b>18</b>

	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b><u>Total</u></b>
<b>Curling iron</b>	2	4	4	<b>10</b>
<b>Cutting torch</b>	20	30	25	<b>75</b>
<b>Decorative lights, line voltage</b>	5	6	5	<b>16</b>
<b>Decorative or landscape lighting, low voltage</b>	1	1	2	<b>4</b>
<b>Deep fryer</b>	16	33	17	<b>66</b>
<b>Dehumidifier</b>	2	0	0	<b>2</b>
<b>Dental equipment, other</b>	1	0	0	<b>1</b>
<b>Dishwasher</b>	14	21	17	<b>52</b>
<b>Drilling machinery or equipment</b>	1	1	0	<b>2</b>
<b>Electric meter, meter box</b>	6	11	8	<b>25</b>
<b>Electrical branch circuit</b>	7	22	13	<b>42</b>
<b>Electrical distribution, power transfer, other</b>	19	37	45	<b>101</b>
<b>Electrical power (utility) line</b>	49	44	64	<b>157</b>
<b>Electrical service supply wires from utility</b>	11	13	22	<b>46</b>
<b>Electrical wiring, other</b>	73	178	113	<b>364</b>
<b>Electronic equipment, other</b>	20	27	23	<b>70</b>
<b>Elevator or conveyor: farm</b>	0	1	0	<b>1</b>
<b>Elevator or lift</b>	3	7	4	<b>14</b>
<b>Evaporative cooler, cooling tower.</b>	7	12	10	<b>29</b>
<b>Extension cord</b>	12	22	15	<b>49</b>
<b>Extractor, waste recovery machine</b>	4	5	4	<b>13</b>
<b>Fan</b>	62	97	76	<b>235</b>
<b>Fax machine</b>	0	0	1	<b>1</b>
<b>Feed grinder, mixer, blender</b>	0	0	1	<b>1</b>
<b>Fireplace, chimney, other</b>	20	8	32	<b>60</b>

	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b><u>Total</u></b>
<b>Fireplace, factory built</b>	4	6	8	<b>18</b>
<b>Fireplace, insert/stove</b>	15	19	18	<b>52</b>
<b>Fireplace, masonry</b>	3	9	15	<b>27</b>
<b>Floor buffer, waxer, cleaner</b>	0	0	1	<b>1</b>
<b>Fluorescent lighting fixture, ballast</b>	7	13	13	<b>33</b>
<b>Food warmer, hot plate</b>	5	6	12	<b>23</b>
<b>Freezer when separate from refrigerator</b>	0	5	4	<b>9</b>
<b>Furnace, central heating unit</b>	19	21	11	<b>51</b>
<b>Furnace, local heating unit, built-in</b>	51	86	41	<b>178</b>
<b>Garage door opener</b>	1	2	0	<b>3</b>
<b>Garbage disposer</b>	2	0	0	<b>2</b>
<b>Gardening tools or agricultural equipment, other</b>	12	6	14	<b>32</b>
<b>Gas compressor</b>	1	0	0	<b>1</b>
<b>Gas regulator</b>	0	6	1	<b>7</b>
<b>Generator</b>	6	19	21	<b>46</b>
<b>Grease hood/duct exhaust fan</b>	7	12	7	<b>26</b>
<b>Grill, hibachi, barbecue</b>	41	52	52	<b>145</b>
<b>Ground fault interrupter, GFI</b>	0	1	2	<b>3</b>
<b>Hair curler warmer</b>	0	1	0	<b>1</b>
<b>Hair dryer</b>	4	2	2	<b>8</b>
<b>Halogen lighting fixture or lamp</b>	7	12	10	<b>29</b>
<b>Hay processing equipment</b>	4	2	2	<b>8</b>
<b>Heat lamp</b>	11	10	15	<b>36</b>
<b>Heat pump</b>	6	5	7	<b>18</b>
<b>Heat tape</b>	0	1	2	<b>3</b>

	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b><u>Total</u></b>
Heat treating equipment	4	9	7	<b>20</b>
Heater, catalytic	2	12	8	<b>22</b>
Heater, excluding catalytic and oil-filled heaters	50	62	49	<b>161</b>
Heater, oil filled	2	4	3	<b>9</b>
Heating pad	6	2	3	<b>11</b>
Heating, ventilating & air conditioning, other	42	72	77	<b>191</b>
Hoist, lift	0	3	2	<b>5</b>
Hot tub, whirlpool, spa	7	6	3	<b>16</b>
Humidifier	0	0	1	<b>1</b>
Hydraulic equipment, other	2	5	2	<b>9</b>
Ice maker (separate from refrigerator)	1	4	0	<b>5</b>
Incandescent lighting fixture	4	12	13	<b>29</b>
Incinerator	0	1	1	<b>2</b>
Industrial furnace, kiln	2	4	0	<b>6</b>
Internal combustion engine (non-vehicular)	1	6	8	<b>15</b>
Inverter	1	1	0	<b>2</b>
Ionizer	1	0	1	<b>2</b>
Kettle	2	0	2	<b>4</b>
Kitchen & cooking equipment, other	48	76	69	<b>193</b>
Knife sharpener	0	0	1	<b>1</b>
Laboratory equipment, other	1	4	0	<b>5</b>
Lamp - tabletop, floor, desk	15	26	12	<b>53</b>
Lamp, lighting, other	32	43	36	<b>111</b>
Lantern, flashlight	0	1	0	<b>1</b>
Lawn mower	15	21	17	<b>53</b>

	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b><u>Total</u></b>
Lawn, landscape trimmer, edger	2	3	3	8
Leaf blower	1	1	0	2
Light bulb	7	7	8	22
Makeup mirror - lighted	0	2	0	2
Medical equipment, other	1	0	2	3
Microfilm, microfiche viewing equipment	0	1	0	1
Microwave oven	21	31	32	84
Milking machine	0	0	1	1
Model vehicles.	2	2	3	7
Motor - separate	11	22	15	48
Mulcher, grinder, chipper	4	5	4	13
Musical instrument, other	0	0	1	1
Nightlight	1	0	3	4
None	9,085	7,570	6,728	23,383
Office equipment, other	1	1	1	3
Other equipment involved in ignition	90	121	110	321
Outlet, receptacle	28	35	32	95
Oven, rotisserie	77	67	82	226
Overcurrent, disconnect equipment	3	3	0	6
Oxygen administration equipment	1	5	3	9
Paint flow coating machine	1	0	1	2
Paint sprayer	2	1	0	3
Painting tools, other	3	0	1	4
Panelboard, switchboard, circuit breaker board	9	8	11	28
Paper shredder	0	2	1	3

	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b><u>Total</u></b>
<b>Personal or household equipment, other</b>	7	14	26	<b>47</b>
<b>Photographic camera and equipment</b>	0	0	1	<b>1</b>
<b>Popcorn popper</b>	0	0	2	<b>2</b>
<b>Portable appliance designed to produce heat, other</b>	7	9	13	<b>29</b>
<b>Power cord, plug - detachable from appliance</b>	3	8	5	<b>16</b>
<b>Power cord, plug - permanently attached</b>	8	8	7	<b>23</b>
<b>Power cutting tool</b>	4	6	3	<b>13</b>
<b>Power drill, screwdriver</b>	1	0	1	<b>2</b>
<b>Power hammer, including jackhammers</b>	0	0	1	<b>1</b>
<b>Power lathe</b>	0	1	1	<b>2</b>
<b>Power nail gun, stud driver, stapler</b>	0	1	0	<b>1</b>
<b>Power sander, grinder, buffer, polisher</b>	11	14	9	<b>34</b>
<b>Power saw</b>	5	11	10	<b>26</b>
<b>Power shaper, router, jointer, planer</b>	0	2	1	<b>3</b>
<b>Power tools, other</b>	1	7	5	<b>13</b>
<b>Powered jacking equipment</b>	0	0	1	<b>1</b>
<b>Powered valves.</b>	1	1	0	<b>2</b>
<b>Printing press</b>	2	1	1	<b>4</b>
<b>Pump</b>	7	12	12	<b>31</b>
<b>Radio</b>	3	1	3	<b>7</b>
<b>Radio, two way</b>	1	0	0	<b>1</b>
<b>Radiological equipment, X-ray, radiation therapy</b>	1	0	0	<b>1</b>
<b>Range with or without oven, cooking surface</b>	224	277	243	<b>744</b>
<b>Refrigerator, refrigerator/freezer</b>	26	32	25	<b>83</b>
<b>Sewing machine</b>	1	2	0	<b>3</b>

	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b><u>Total</u></b>
Shoe polisher	0	0	2	<b>2</b>
Shop or industrial equipment, other	14	25	15	<b>54</b>
Sign	11	10	11	<b>32</b>
Silo loader, unloader, screw/sweep auger	1	0	0	<b>1</b>
Slow cooker	0	1	1	<b>2</b>
Smoke or heat detector, fire alarm	2	0	1	<b>3</b>
Sodium, mercury vapor lighting fixtures or lamps;	2	2	2	<b>6</b>
Soldering equipment	23	28	13	<b>64</b>
Sound recording or receiving equipment, other	0	0	1	<b>1</b>
Speakers, audio - separate components	1	1	1	<b>3</b>
Sprayer: farm or garden	0	0	1	<b>1</b>
Steam table, warming drawer/table	1	1	1	<b>3</b>
Steamline, heat pipe, hot air duct	0	0	1	<b>1</b>
Stereo equipment	3	10	6	<b>19</b>
Sterilizer	1	0	0	<b>1</b>
Sterilizer: medical	0	0	1	<b>1</b>
Stove, heating	91	139	102	<b>332</b>
Surge protector	4	9	5	<b>18</b>
Swimming pool equipment	8	3	9	<b>20</b>
Tarpot, tar kettle	5	7	5	<b>17</b>
Telephone or answering machine	1	2	0	<b>3</b>
Telephone switching gear, including PBX	0	2	0	<b>2</b>
Television	13	11	8	<b>32</b>
Testing equipment	0	0	1	<b>1</b>
Tiller, cultivator	1	1	4	<b>6</b>



	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b><u>Total</u></b>
<b>Timer</b>	1	0	2	<b>3</b>
<b>Toaster, toaster oven, counter-top broiler</b>	16	12	17	<b>45</b>
<b>Toy, powered</b>	3	0	0	<b>3</b>
<b>Traffic control device</b>	1	0	0	<b>1</b>
<b>Transformer, distribution type</b>	36	18	23	<b>77</b>
<b>Transformer, low voltage</b>	5	4	9	<b>18</b>
<b>Trash compactor</b>	2	2	0	<b>4</b>
<b>TV monitor array</b>	0	1	2	<b>3</b>
<b>Undetermined</b>	121	192	200	<b>513</b>
<b>Uninterrupted power supply (UPS)</b>	2	2	3	<b>7</b>
<b>Vacuum cleaner</b>	3	5	3	<b>11</b>
<b>VCR or VCR/TV combination</b>	1	1	1	<b>3</b>
<b>Vending machine</b>	0	5	2	<b>7</b>
<b>Video equipment, other</b>	1	1	0	<b>2</b>
<b>Video game - electronic</b>	0	0	3	<b>3</b>
<b>Waffle iron, griddle</b>	0	1	0	<b>1</b>
<b>Wall switch</b>	1	2	5	<b>8</b>
<b>Washer/dryer combination (within one frame)</b>	13	15	13	<b>41</b>
<b>Washing machine - clothes</b>	11	12	9	<b>32</b>
<b>Water fountain, water cooler</b>	0	0	2	<b>2</b>
<b>Water heater</b>	89	119	97	<b>305</b>
<b>Weed burner</b>	1	0	1	<b>2</b>
<b>Welding torch.</b>	46	66	51	<b>163</b>
<b>Wet/dry vacuum (shop vacuum)</b>	1	2	2	<b>5</b>
<b>Wiring from meter box to circuit breaker</b>	1	3	4	<b>8</b>

	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b><u>Total</u></b>
<b>Wok, frying pan, skillet</b>	6	8	10	<b>24</b>
<b>Woodburning kit</b>	0	1	0	<b>1</b>
<b>Work light, trouble light</b>	2	2	3	<b>7</b>
<b><u>Total</u></b>	<b>11,338</b>	<b>10,735</b>	<b>9,499</b>	<b>31,572</b>



**California State Fire Marshal**  
National Fire Incident Reporting System

Data as of: 03/19/2007 10:16:49AM

**FDID Range:**  
0 to No Upper Bound

**Incident Date Range:**  
01/01/2004 to 12/31/2006

**Incident Type:**  
100 to 199

**Fires By Equipment Involved In Ignition, 2004-2006**

<u>Equipment</u>	<u>Incident</u>	<u>Incident</u>	<u>Property</u>	<u>Contents</u>	<u>Fire Service</u>	<u>Fire Service</u>	<u>Civilian</u>	<u>Civilian</u>	
<u>Involved</u>	<u>Year</u>	<u>Count</u>	<u>Losses</u>	<u>Losses</u>	<u>Injuries</u>	<u>Deaths</u>	<u>Injuries</u>	<u>Deaths</u>	
Other equipment involved in ignition		90	\$1,898,127	\$958,104	0	0	3	0	
Heating, Ventilating & Air Conditioning		524	\$8,982,354	\$2,342,061	3	0	19	0	
Electrical Distribution, Lighting & Power Transfer		404	\$5,333,248	\$3,500,134	5	0	2	1	
Shop Tools & Industrial Equipment		190	\$3,232,390	\$866,456	3	0	5	0	
Commercial & Medical Equipment		10	\$55,931	\$10,300	0	0	0	0	
Garden Tools & Agricultural Equipment		42	\$464,465	\$106,401	3	0	1	0	
Kitchen & Cooking Equipment		511	\$7,143,779	\$2,217,696	3	0	23	1	
Electronic and Other Electrical Equipment		52	\$643,050	\$253,950	0	0	0	0	
Personal & Household Equipment		309	\$12,571,273	\$26,121,427	1	0	10	1	
None		9,085	\$87,624,585	\$26,166,137	23	0	96	18	
Undetermined		121	\$7,080,486	\$2,583,951	2	0	5	0	
	<b>2004</b>	<b>Subtotal</b>	<b>11,338</b>	<b>\$135,029,688</b>	<b>\$65,126,617</b>	<b>43</b>	<b>0</b>	<b>164</b>	<b>21</b>
Other equipment involved in ignition		121	\$2,795,317	\$1,504,351	2	0	3	0	
Heating, Ventilating & Air Conditioning		739	\$14,586,019	\$7,399,303	7	0	23	4	
Electrical Distribution, Lighting & Power Transfer		622	\$9,701,929	\$5,087,432	6	0	22	1	
Shop Tools & Industrial Equipment		311	\$3,560,490	\$7,881,128	3	0	9	0	
Commercial & Medical Equipment		30	\$208,250	\$645,450	1	0	4	1	
Garden Tools & Agricultural Equipment		42	\$1,992,760	\$257,002	0	0	0	0	
Kitchen & Cooking Equipment		644	\$7,002,366	\$3,089,449	4	0	33	3	
Electronic and Other Electrical Equipment		80	\$2,071,525	\$1,106,040	1	0	6	0	
Personal & Household Equipment		384	\$3,648,122	\$1,586,035	0	0	10	0	
None		7,570	\$101,230,513	\$32,618,703	33	1	151	22	
Undetermined		192	\$8,805,850	\$2,891,001	3	0	5	0	
	<b>2005</b>	<b>Subtotal</b>	<b>10,735</b>	<b>\$155,603,141</b>	<b>\$64,065,894</b>	<b>60</b>	<b>1</b>	<b>266</b>	<b>31</b>
Other equipment involved in ignition		110	\$2,088,591	\$728,371	0	0	3	2	
Heating, Ventilating & Air Conditioning		624	\$17,302,008	\$4,438,181	4	0	30	5	
Electrical Distribution, Lighting & Power Transfer		557	\$9,878,750	\$7,277,953	4	0	12	0	
Shop Tools & Industrial Equipment		223	\$22,926,992	\$3,256,188	1	0	7	2	
Commercial & Medical Equipment		17	\$107,500	\$57,750	0	0	4	0	
Garden Tools & Agricultural Equipment		48	\$334,200	\$62,950	1	0	0	0	

## Fires By Equipment Involved In Ignition, 2004-2006

<u>Equipment Involved</u>	<u>Incident Year</u>	<u>Incident Count</u>	<u>Property Losses</u>	<u>Contents Losses</u>	<u>Fire Service Injuries</u>	<u>Fire Service Deaths</u>	<u>Civilian Injuries</u>	<u>Civilian Deaths</u>	
Kitchen & Cooking Equipment		597	\$8,407,982	\$4,266,750	5	0	26	4	
Electronic and Other Electrical Equipment		60	\$1,157,210	\$438,665	0	0	3	0	
Personal & Household Equipment		335	\$4,032,039	\$1,681,987	1	0	13	1	
None		6,728	\$178,109,944	\$25,006,934	23	1	78	18	
Undetermined		200	\$108,640,331	\$12,457,120	3	0	8	1	
	2006	Subtotal	9,499	\$352,985,547	\$59,672,849	42	1	184	33
		Grand Total	31,572	\$643,618,376	\$188,865,360	145	2	614	85

The data contained in this report comes from the State Fire Marshal's California All Incident Reporting System (CAIRS) data warehouse. Property and contents loss figures, if included herein, are estimates only. These emergency incident statistics, including injury and death counts, are based only upon information submitted to the State Fire Marshal by participating California fire departments. Please note that apparent variations in incident counts and associated losses shown in this report may be solely due to fluctuations in the amount of data submitted to the State Fire Marshal. And while the incoming data is validated according to logical data rules, individual data elements are not always verified for accuracy.

## Fires By Equipment Involved In Ignition, 2004-2006

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### **Parameters:**

FDID Range: 0 to No Upper Bound

Incident Date Range: 01/01/2004 to 12/31/2006

Incident Type: 100 to 199

### **Selection Criteria:**

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{!INCIDENTKEY.FDID}={?FDIDrange} and  
{!INCIDENTKEY.IN_STATUS}='V' and  
{!INCIDENTKEY.IN_DATE}={?IncidentDateRange} and  
{IN_BASIC.IN_TYPE}={?IncidentType}  
and {IN_FIRE.FR_EQUIPMENTINV}<> ''
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